

RECEIVED  
CENTRAL FAX CENTER

FEB 02 2009

## IN THE CLAIMS

1. (currently amended): A water vaporization distribution plant consisting of at least one feeding collector (13) with nozzle-holder ramps (15) equipped with a series of vaporization nozzles (14), in which there are first tighteners (18) for assembly and blockage of the nozzle-holder ramps (15) with respect to the at least one collector (13), and second tighteners (24) for ~~said~~ assembly and blockage of said vaporization nozzles (14) to said nozzle-holder ramps (15), wherein said nozzle-holder ramps (15) have a square or rectangular section, and in correspondence with said vaporization nozzles (14) there is a shaped blocking element for positioning of said vaporization nozzles (14) on said nozzle-holder ramps (15).

2. (canceled)

3. (previously presented): The water vaporization distribution plant according to claim 1, characterized in that said at least one feeding collector (13) comprises a series of side openings (23) for inflow feeding of water into said nozzle-holder ramps (15) which determine outflow distribution of water from said vaporization nozzles (14).

4. (previously presented): The water vaporization distribution plant according to claim 3, characterized in that said side openings (23) for inflow feeding of water into said nozzle-holder ramps (15) which determine outflow distribution of water from said vaporization nozzles (14) are arranged at a distance and at a constant pitch between each other.

5. (canceled)

6. (previously presented): The water vaporization distribution plant according to claim 1, characterized in that said at least one feeding collector (13) and said nozzle-holder ramps (15) are made of corrosion-resistant steel.

7. (previously presented): The water vaporization distribution plant according to claim 1, characterized in that said nozzle-holder ramps (15) for the feeding to said nozzles are equipped with side openings (16) for housing and fixing of said vaporization nozzles (14).

8. (canceled)

9. (currently amended): The water vaporization distribution plant according to claim 7, characterized in that said nozzle holder ramps (15) having first ends and second ends, said first ends of said nozzle holder ramps (15) being equipped with threaded sections (20) for closure of said nozzle holder ramps (15) on said first ends ~~and opening and water circulation on said second ends.~~

10. (currently amended): The water vaporization distribution plant according to claim 1, characterized in that said first and second tighteners (18, 24) include at least one side feeding hole (19) for passage of circulating water ~~which allows a hydraulic connection between distribution plant components.~~

11. (canceled)

12. (canceled)

13. (currently amended): The water vaporization vaporization water distribution plant according to claim [[11]] 10, characterized in that said second tighteners

~~(24) for the connection between the nozzle holder ramps (15) and vaporization nozzles (14)~~ are made of corrosion-resistant steel.

14. (currently amended): The water vaporization distribution plant according to claim 13, characterized in that said first tighteners and second tighteners (18, 24) are made of corrosion resistant steel by means of turning, perforating and threading operations, with work tolerances resistant to the expected operating pressures and higher than 50 bar.

15. (canceled)

16. (canceled)

17. (currently amended): The water vaporization distribution plant according to claim 1, characterized in that said shaped blocking element is U-shaped with a base and two free ends wherein said U-shaped blocking element (41), is fixed at a base (42) inside an indentation (43) of a hexagonal head (44) of said second tighteners (24), and ~~comprises~~ includes curved elements (45) at each of said two free ends of said shaped blocking element, said curved elements (45) being adapted for being hooked to a plate (46) integral with a vaporization nozzle (14).

18. (previously presented): The water vaporization distribution plant according to claim 1, characterized in that said shaped blocking element comprises a first blocking element (141) which has an insertion hole (49) for holding the vaporization nozzle (14) in direct contact with a cylindrical shaped body (28) and a tongued terminal part (47) which is inserted and blocked, by folding, in a slit (50) situated in a second blocking element (48), that is perforated in the centre, and is fixed on said second tighteners (24).

19.(new): A water vaporization distribution plant consisting of at least one feeding collector (13) with nozzle-holder ramps (15) equipped with a series of vaporization nozzles (14), in which there are first tighteners (18) for assembly and blockage of the nozzle-holder ramps (15) with respect to the at least one collector (13), and second tighteners (24) for assembly and blockage of said vaporization nozzles (14) to said nozzle-holder ramps (15), wherein said nozzle-holder ramps (15) have a square section, and in correspondence with said vaporization nozzles (14) there is a shaped blocking element for positioning of said vaporization nozzles (14) on said nozzle-holder ramps (15) and wherein said first and second tighteners (18, 24) include at least one side feeding hole (19) for passage of circulating water, said second tighteners (24) being made of corrosion-resistant steel.

20. (new): The water vaporization distribution plant according to claim 19, characterized in that said first tighteners and second tighteners (18, 24) are made of corrosion resistant steel by means of turning, perforating and threading operations, with work tolerances resistant to expected operating pressures and higher than 50 bar.

21.(new): The water vaporization distribution plant according to claim 19, characterized in that said shaped blocking element is U-shaped with a base and two free ends wherein said U-shaped blocking element (41), is fixed at a base (42) inside an indentation (43) of a hexagonal head (44) of said second tighteners (24), and includes curved elements (45) at each of said two free ends of said shaped blocking element, said curved elements (45) being adapted for being hooked to a plate (46) integral with a vaporization nozzle (14).

22. (new): The water vaporization distribution plant according to claim 19, characterized in that said shaped blocking element comprises a first blocking element (141) which has an insertion hole (49) for holding the vaporization nozzle (14) in direct contact with a cylindrical shaped body (28) and a tongued terminal part (47) which is inserted and blocked, by folding, in a slit (50) situated in a second blocking element (48), that is perforated in the centre, and is fixed on said second tighteners (24).

23. (new): A water vaporization distribution plant consisting of at least one feeding collector (13) with nozzle-holder ramps (15) equipped with a series of vaporization nozzles (14), in which there are first tighteners (18) for assembly and blockage of the nozzle-holder ramps (15) with respect to the at least one collector (13), and second tighteners (24) for assembly and blockage of said vaporization nozzles (14) to said nozzle-holder ramps (15), wherein said nozzle-holder ramps (15) have a square or rectangular section, and in correspondence with said vaporization nozzles (14) there is a shaped blocking element for positioning of said vaporization nozzles (14) on said nozzle-holder ramps (15) wherein said shaped blocking element is U-shaped with a base and two free ends wherein said U-shaped blocking element (41), is fixed at a base (42) inside an indentation (43) of a hexagonal head (44) of said second tighteners (24), and includes curved elements (45) at each of said two free ends of said shaped blocking element, said curved elements (45) being adapted for being hooked to a plate (46) integral with a vaporization nozzle (14).

24. (new): The water vaporization distribution plant according to claim 23, characterized in that said first and second tighteners (18, 24) include at least one side

feeding hole (19) for passage of circulating water.

25. (new): The water vaporization vaporization water distribution plant according to claim 24, characterized in that said second tighteners (24) are made of corrosion-resistant steel.

26. (new): The water vaporization distribution plant according to claim 25, characterized in that said first tighteners and second tighteners (18, 24) are made of corrosion resistant steel by means of turning, perforating and threading operations, with work tolerances resistant to the expected operating pressures and higher than 50 bar.

27. (new): The water vaporization distribution plant according to claim 23, characterized in that said shaped blocking element comprises a first blocking element (141) which has an insertion hole (49) for holding the vaporization nozzle (14) in direct contact with a cylindrical shaped body (28) and a tongued terminal part (47) which is inserted and blocked, by folding, in a slit (50) situated in a second blocking element (48), that is perforated in the centre, and is fixed on said second tighteners (24).